

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 09/276,868A  
Source: 1FW16  
Date Processed by STIC: 10/6/06

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 10/06/2006

PATENT APPLICATION: US/09/276,868A

TIME: 10:33:40

Input Set : A:\BI-4US.SEQ.txt

Output Set: N:\CRF4\10062006\I276868A.raw

```

3 <110> APPLICANT: Simons, Michael
4      Gao, Youhe
6 <120> TITLE OF INVENTION: METHOD FOR PR-39 PEPTIDE REGULATED STIMULATION OF
ANGIOGENESIS
8 <130> FILE REFERENCE: BIS-043 (BI-0004US)
10 <140> CURRENT APPLICATION NUMBER: US 09/276,868A
11 <141> CURRENT FILING DATE: 1999-03-26
13 <160> NUMBER OF SEQ ID NOS: 12
15 <170> SOFTWARE: PatentIn version 3.3
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 39
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Synthetic peptide
25 <400> SEQUENCE: 1
27 Arg Arg Arg Pro Arg Pro Pro Tyr Leu Pro Arg Pro Arg Pro Pro Pro
28 1      5      10      15
31 Phe Phe Pro Pro Arg Leu Pro Pro Arg Ile Pro Pro Gly Phe Pro Pro
32      20      25      30
35 Arg Phe Pro Pro Arg Phe Pro
36      35
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 9
41 <212> TYPE: PRT
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Synthetic consensus peptide
48 <220> FEATURE:
49 <221> NAME/KEY: misc_feature
50 <222> LOCATION: (3)..(4)
51 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
53 <220> FEATURE:
54 <221> NAME/KEY: misc_feature
55 <222> LOCATION: (7)..(8)
56 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
58 <400> SEQUENCE: 2
W--> 60 Pro Pro Xaa Xaa Pro Pro Xaa Xaa Pro
61 1      5
64 <210> SEQ ID NO: 3
65 <211> LENGTH: 10
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:

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70 <223> OTHER INFORMATION: Synthetic consensus sequence  
73 <220> FEATURE:  
74 <221> NAME/KEY: misc\_feature  
75 <222> LOCATION: (3)..(5)  
76 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
78 <220> FEATURE:  
79 <221> NAME/KEY: misc\_feature  
80 <222> LOCATION: (8)..(9)  
81 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
83 <400> SEQUENCE: 3  
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86 1 5 10  
89 <210> SEQ ID NO: 4  
90 <211> LENGTH: 15  
91 <212> TYPE: PRT  
92 <213> ORGANISM: Artificial Sequence  
94 <220> FEATURE:  
95 <223> OTHER INFORMATION: Synthetic peptide  
97 <400> SEQUENCE: 4  
99 Arg Arg Arg Pro Arg Pro Pro Tyr Leu Pro Arg Pro Arg Pro Pro  
100 1 5 10 15  
103 <210> SEQ ID NO: 5  
104 <211> LENGTH: 11  
105 <212> TYPE: PRT  
106 <213> ORGANISM: Artificial Sequence  
108 <220> FEATURE:  
109 <223> OTHER INFORMATION: Synthetic peptide  
111 <400> SEQUENCE: 5  
113 Arg Arg Arg Pro Arg Pro Pro Tyr Leu Pro Arg  
114 1 5 10  
117 <210> SEQ ID NO: 6  
118 <211> LENGTH: 8  
119 <212> TYPE: PRT  
120 <213> ORGANISM: Artificial Sequence  
122 <220> FEATURE:  
123 <223> OTHER INFORMATION: Synthetic peptide  
125 <400> SEQUENCE: 6  
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128 1 5  
131 <210> SEQ ID NO: 7  
132 <211> LENGTH: 255  
133 <212> TYPE: PRT  
134 <213> ORGANISM: Mus musculus  
136 <400> SEQUENCE: 7  
138 Met Ser Ser Ile Gly Thr Gly Tyr Asp Leu Ser Ala Ser Thr Phe Ser  
139 1 5 10 15  
142 Pro Asp Gly Arg Val Phe Gln Val Glu Tyr Ala Met Lys Ala Val Glu  
143 20 25 30  
146 Asn Ser Ser Thr Ala Ile Gly Ile Arg Cys Lys Asp Gly Val Val Phe

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```

147          35          40          45
150 Gly Val Glu Lys Leu Val Leu Ser Lys Leu Tyr Glu Glu Gly Ser Asn
151          50          55          60
154 Lys Arg Leu Phe Asn Val Asp Arg His Val Gly Met Ala Val Ala Gly
155 65          70          75          80
158 Leu Leu Ala Asp Ala Arg Ser Leu Ala Asp Ile Ala Arg Glu Glu Ala
159          85          90          95
162 Ser Asn Phe Arg Ser Asn Phe Gly Tyr Asn Ile Pro Leu Lys His Leu
163          100          105          110
166 Ala Asp Arg Val Ala Met Tyr Val His Ala Tyr Thr Leu Tyr Ser Ala
167          115          120          125
170 Val Arg Pro Phe Gly Cys Ser Phe Met Leu Gly Ser Tyr Ser Ala Asn
171          130          135          140
174 Asp Gly Ala Gln Leu Tyr Met Ile Asp Met Ser Gly Val Ser Tyr Gly
175 145          150          155          160
178 Tyr Trp Gly Cys Ala Ile Gly Lys Ala Arg Gln Ala Ala Lys Thr Glu
179          165          170          175
182 Ile Glu Lys Leu Gln Met Lys Glu Met Thr Cys Arg Asp Val Val Lys
183          180          185          190
186 Glu Val Ala Lys Ile Ile Tyr Ile Val His Asp Glu Val Lys Asp Lys
187          195          200          205
190 Ala Phe Glu Leu Glu Leu Ser Trp Val Gly Glu Leu Thr Lys Gly Arg
191          210          215          220
194 His Glu Ile Val Pro Lys Asp Ile Arg Glu Glu Ala Glu Lys Tyr Ala
195 225          230          235          240
198 Lys Glu Ser Leu Lys Glu Glu Asp Glu Ser Asp Asp Asp Asn Met
199          245          250          255
202 <210> SEQ ID NO: 8
203 <211> LENGTH: 4
204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Synthetic peptide
210 <400> SEQUENCE: 8
212 Ala Glu Arg Asp
213 1
216 <210> SEQ ID NO: 9
217 <211> LENGTH: 24
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Synthetic peptide
224 <400> SEQUENCE: 9
226 Lys Lys His Glu Glu Glu Glu Ala Lys Ala Glu Arg Glu Lys Lys Glu
227 1          5          10          15
230 Lys Glu Gln Lys Glu Lys Asp Lys
231          20
234 <210> SEQ ID NO: 10
235 <211> LENGTH: 16

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## RAW SEQUENCE LISTING

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236 <212> TYPE: PRT  
 237 <213> ORGANISM: Artificial Sequence  
 239 <220> FEATURE:  
 240 <223> OTHER INFORMATION: Synthetic peptide  
 242 <400> SEQUENCE: 10  
 244 Glu Lys Glu Lys Glu Glu Asn Glu Lys Lys Lys Gln Lys Lys Ala Ser  
 245 1 5 10 15  
 248 <210> SEQ ID NO: 11  
 249 <211> LENGTH: 27  
 250 <212> TYPE: PRT  
 251 <213> ORGANISM: Artificial Sequence  
 253 <220> FEATURE:  
 254 <223> OTHER INFORMATION: Synthetic peptide  
 256 <400> SEQUENCE: 11  
 258 Glu Glu Arg Pro Gln Arg Lys Ala Gln Pro Ala Gln Pro Ala Asp Glu  
 259 1 5 10 15  
 262 Pro Ala Glu Lys Ala Asp Glu Pro Met Glu His  
 263 20 25  
 266 <210> SEQ ID NO: 12  
 267 <211> LENGTH: 16  
 268 <212> TYPE: PRT  
 269 <213> ORGANISM: Artificial Sequence  
 271 <220> FEATURE:  
 272 <223> OTHER INFORMATION: Synthetic peptide  
 274 <400> SEQUENCE: 12  
 276 Ala Lys Glu Ser Leu Lys Glu Glu Asp Glu Ser Asp Asp Asp Asn Met  
 277 1 5 10 15

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/276,868A

DATE: 10/06/2006  
TIME: 10:33:41

Input Set : A:\BI-4US.SEQ.txt  
Output Set: N:\CRF4\10062006\I276868A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. ~~3,4,7,8~~  
Seq#:3; Xaa Pos. ~~3,4,5,8,9~~

**VERIFICATION SUMMARY**

DATE: 10/06/2006

PATENT APPLICATION: US/09/276,868A

TIME: 10:33:41

Input Set : A:\BI-4US.SEQ.txt

Output Set: N:\CRF4\10062006\I276868A.raw

L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0